

Converting Colors

CIELCh(72, 67.625, 153.781)

Have a look what the booklet for
CIELCh(72, 67.625, 153.781)
contains.

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Color

CIELCh(72, 67.655, 153.747)

Conversions

Conversions Part 1

Format	Color
Hex	0BCA77
RGB	11, 202, 119
RGB Percent	4%, 79%, 47%
CMY	0.9563, 0.2077, 0.5332
CMYK	0.94, 0.00, 0.41, 0.21
HSL	154°, 90%, 42%
HSV	154°, 94%, 79%
XYZ	24.5983, 43.6590, 24.5918
YIQ	135.4290, -87.1930, -66.3050

Conversions

Conversions Part 2

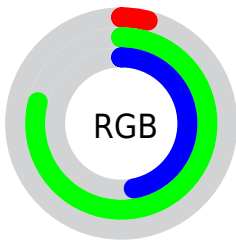
Format	Color
RYB	11, 133, 202
Decimal	772727
CIELab	72.00, -60.68, 29.93
CIELCh	72, 67.655, 153.747
Yxy	43.6590, 0.2649, 0.4702
Android (android.graphics.Color)	4278962807 (0xFF0BCA77)
YUV	135.4290, -8.0995, -109.1242
Hunter-Lab	66.0750, -49.1795, 24.1860

Details

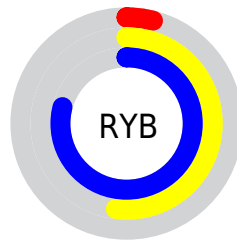
The CIELCh color **72, 67.655, 153.747** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **44, 69.873, 6.072**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 64.962, 154.570**, and **53, 59.837, 148.273** is the 20% darker color. If you saturate the color by 10%, you get **72, 69.861, 152.517**, and if you desaturate by 10%, it is **72, 63.247, 155.941**.

Distribution



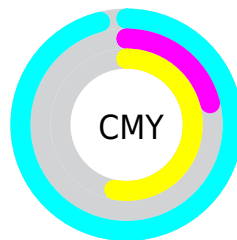
- Red (4%)
- Green (79%)
- Blue (47%)



- Red (4%)
- Yellow (52%)
- Blue (79%)



- Cyan (94%)
- Magenta (0%)
- Yellow (41%)
- Black (21%)





- Cyan (96%)
- Magenta (21%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 67.655, 153.747 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 72, 67.655, 153.747 by changing the saturation by 10% instead.


 72, 67.655,
153.747

 72, 67.655,
153.747


 100, 67.655,
153.747

 62, 67.655,
153.747


 92, 67.655,
153.747

 52, 67.655,
153.747

 42, 67.655,
153.747

 32, 67.655,
153.747

 22, 67.655,
153.747

 12, 67.655,
153.747

 2, 67.655, 153.747

■ 0, 67.655, 153.747

■ 72, 67.655,
153.747

■ 72, 67.655,
153.747

■ 72, 69.861,
152.517

■ 72, 63.247,
155.941

■ 73, 58.035,
157.932

■ 73, 51.997,
159.710

■ 74, 45.185,
161.288

■ 75, 37.707,
162.686

■ 76, 29.699,
163.931

■ 77, 21.308,
165.047

■ 79, 12.677,
166.061

■ 81, 3.929, 167.046

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72, 67.655, 153.747



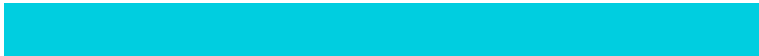
44, 69.873, 6.072

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72, 67.655, 153.747



72, 67.655, 203.747



72, 67.655, 333.747



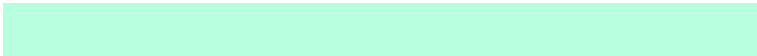
72, 67.655, 23.747

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72, 67.655, 153.747



95, 29.332, 164.626



73, 91.196, 129.143



50, 20.153, 164.132



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72, 67.655, 153.747



89, 83.812, 152.174



71, 39.139, 204.330



42, 5.008, 166.552



60, 59.894, 152.874



12, 20.077, 158.658

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



44, 69.873, 6.072



54, 84.537, 9.375



43, 83.969, 39.252



40, 5.091, 348.098



35, 61.168, 7.844



4, 19.342, 357.504

Previews

White Background



This preview shows how the CIE LCh color 72, 67.655, 153.747 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 72, 67.655, 153.747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 67.655, 153.747

Background



This preview shows how black text looks on a background with the CIELCh color 72, 67.655, 153.747.

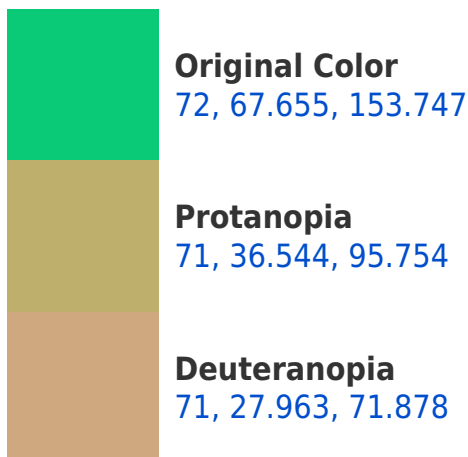


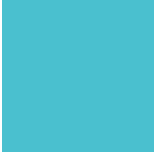
This preview shows how white text looks on a background with the CIELCh color 72, 67.655, 153.747.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
72, 33.014, 211.600

Trichromacy



Original Color
72, 67.655, 153.747



Protanomaly
70, 45.499, 136.857



Deuteranomaly
69, 34.970, 136.778



Tritanomaly
72, 42.208, 180.388

Monochromacy



Original Color
72, 67.655, 153.747



Achromatopsia
56, 0.007, 296.813



Achromatomaly
60, 30.363, 162.928

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 67.655, 153.747 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(11, 202, 119)` looks like.

```
.text, #text, p{  
    color:rgb(11, 202, 119)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(11, 202, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 202, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 67.655, 153.747 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(11, 202, 119) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(11, 202, 119) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(11, 202, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 202, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 202, 119);  
box-shadow:4px 4px 4px 4px rgb(11, 202,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 67.655, 153.747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 202, 119) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(11, 202,  
119) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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